

CATALOG OF INSTRUMENTS
for SURGERY of the SPINE

BUXTON
BIOMEDICAL

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NOTE:

Kerrisons are found in a separate catalog of Kerrison Rongeurs.

About the Surgical Procedure

The surgical steps described in this brochure are neither comprehensive nor definitive and are only intended to show how the instruments offered might be used in the course of performing a variety of spine procedures. Information provided herein was compiled from several sources. The surgeon is urged to consult these and other references for a more rigorous review of the indications, precautions and descriptions before attempting any repairs.

Hand Held Retractors

Brunner Retractors

250 mm long, smooth lip

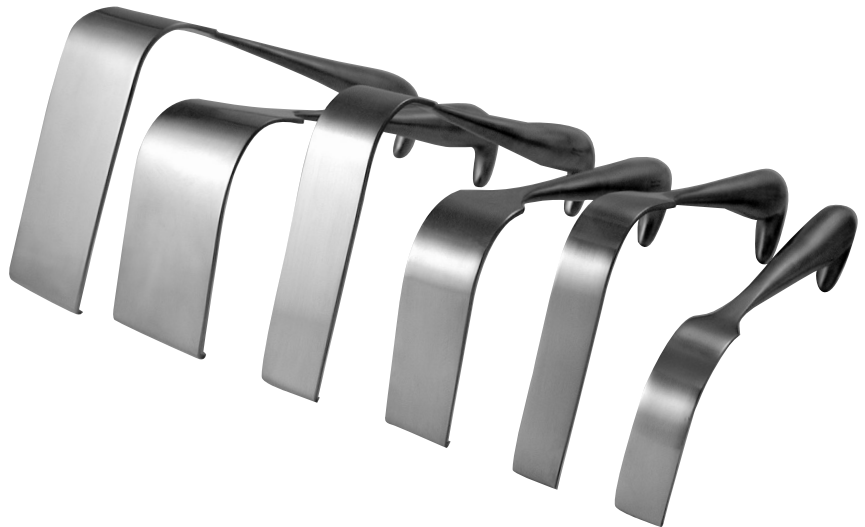
74-1700	80x20 mm blade
74-1703	100x20 mm blade
74-1704	120x25 mm blade
74-1710	140x25 mm blade
74-1716	160x30 mm blade
74-1718	180x30 mm blade
74-1725	250x30 mm blade
74-1730	300x30 mm blade



Meyerding Retractors

250 mm long, teeth along distal edge

74-1960	50x16 mm blade
74-1962	75x25 mm blade
74-1964	90x50 mm blade
74-1970	90x16 mm blade
74-1972	115x25 mm blade
74-1974	130x50 mm blade



Nerve Root Retractors

Cloward Retractor

175 mm, concave blade surface

- 74-3413** 13 mm wide, no lip
- 74-3420** 18 mm wide, distal lip
- 74-3422** 20 mm wide, distal lip
- 74-3424** 23 mm wide, distal lip

- 74-3410** Set of four Cloward Retractors

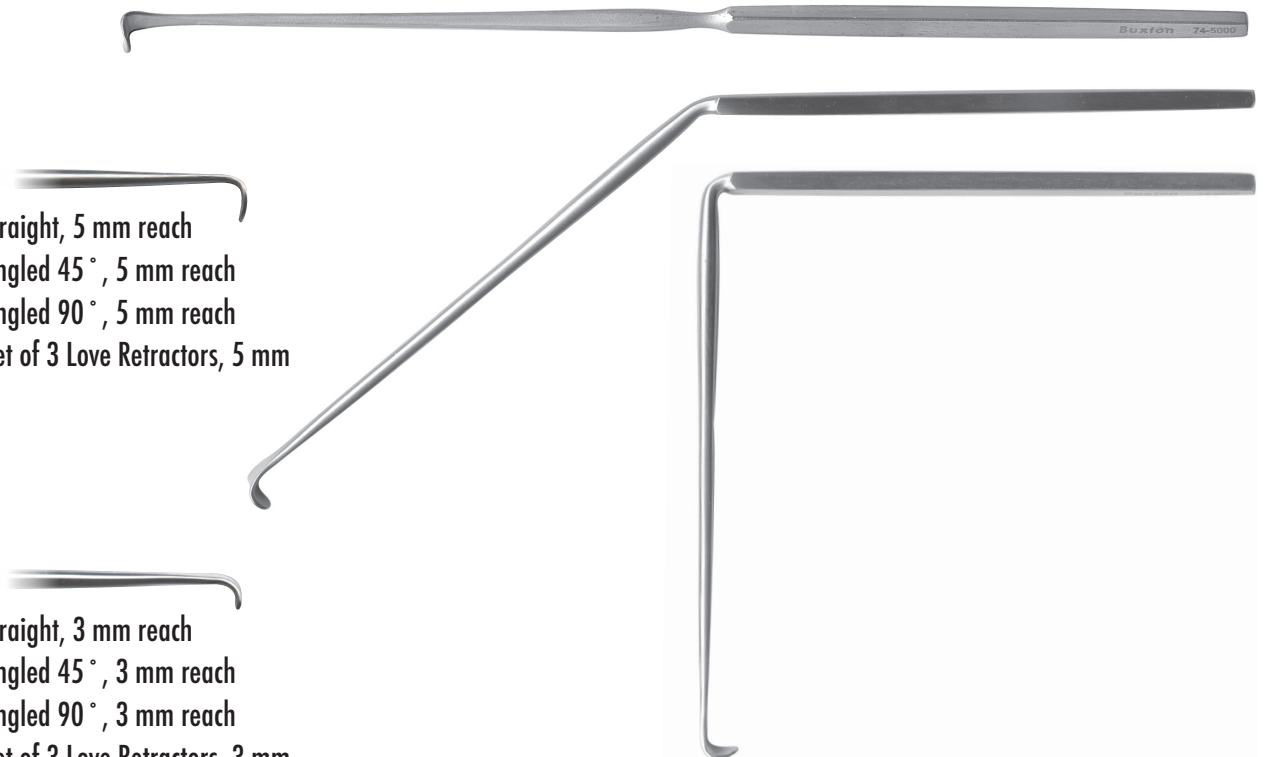


Love Nerve Root Retractors

210 mm overall length, 7 mm wide blade,
90° lip (no curve back)

- 74-5000** straight, 5 mm reach
- 74-5020** angled 45°, 5 mm reach
- 74-5040** angled 90°, 5 mm reach
- 74-5045** Set of 3 Love Retractors, 5 mm

- 74-5051** straight, 3 mm reach
- 74-5052** angled 45°, 3 mm reach
- 74-5053** angled 90°, 3 mm reach
- 74-5055** Set of 3 Love Retractors, 3 mm



Nerve Root Retractors

Love Nerve Root Retractor, bayonet

205 mm, flat, bayonet shaft



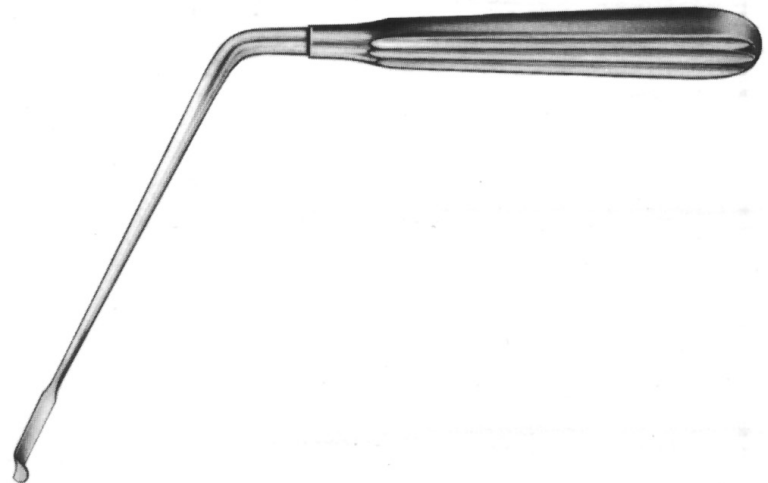
74-7000 4 mm wide x 5 mm deep blade with concave surface

Scoville Nerve Root Retractor

230 mm (straight), ribbed handle



74-7500 straight, 8x7 mm blade



74-7600 angled 45°, 8 x 5 mm blade

Holsher Nerve Root Retractor

240 mm, curved shaft, ribbed handle



74-7700 11 x 7 mm blade

Nerve Root Retractors

Dandy Nerve Hooks

220 mm, 5 mm probe tip



74-5060 angled, left winding



74-5070 straight



74-5080 angled, right winding

Cushing Nerve Hooks

7 mm probe tip with bulbous end



74-6621 190 mm long

74-6631 285 mm long

Cushing Nerve Hook

235 mm long, 2.5 mm ball tip



74-6702

Dissectors

Bruett Elevators

200 mm, double ended

72-3742 6 mm blade, straight/90°, semi-sharp/sharp



72-3744 6 mm blade, 90°, semi-sharp/sharp



72-3746 4 mm and 5 mm wide blade, left and right winding spiral ends, blunt



Buxton Cervical Dissector/Elevator

195 mm, double ended, extra delicate

72-3748 3 mm blade, 45/90°, semi-sharp



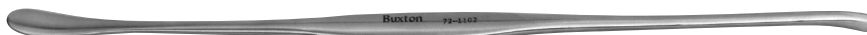
Penfield Dissectors and Elevators

Approximately 190 mm or 300 mm long

72-1101 Penfield #1, 8 mm cup, 7.5 mm blunt



72-1102 Penfield #2, 3 mm cup, 7 mm blunt, light curve



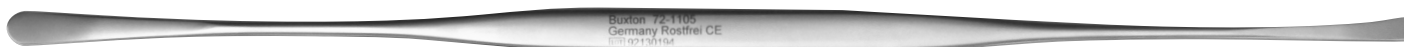
72-1103 Penfield #3, 3 mm cup, 6.5 mm blunt, strong curve



72-1104 Penfield #4, 3.5 mm, blunt



72-1105 Penfield #5, 5 and 7 mm, blunt



Self-Retaining Retractors

Baby-Adson Retractor

165 mm, articulating, 3x4 prongs, 20x15 mm deep



74-2600 sharp prongs
74-2601 blunt prongs

Adson Retractor, medium

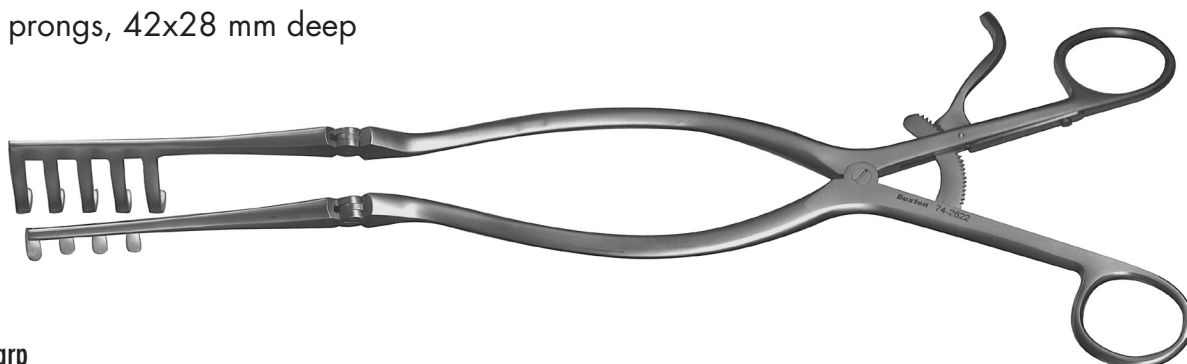
250 mm, 3 x 4 prongs, 22x25 mm deep



74-2606 sharp
74-2607 blunt

Adson Retractor, large

330 mm, 4 x 5 prongs, 42x28 mm deep

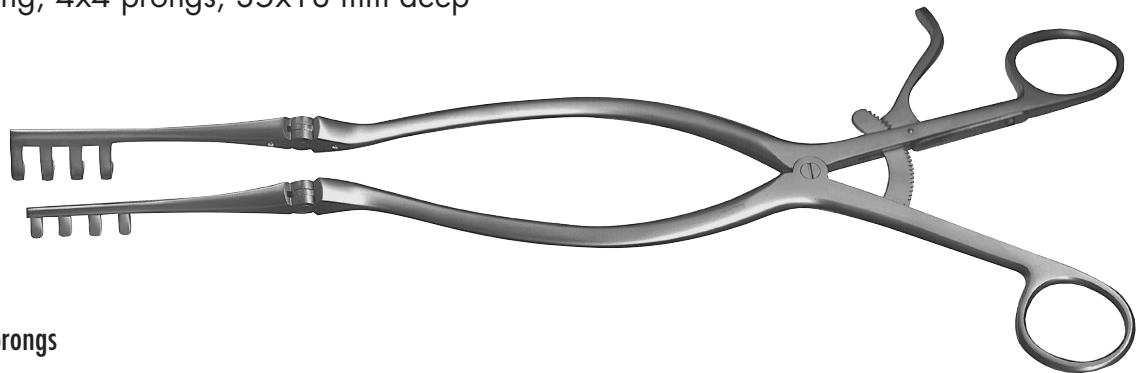


74-2622 sharp

Self-Retaining Retractors

Beckmann-Adson Retractor

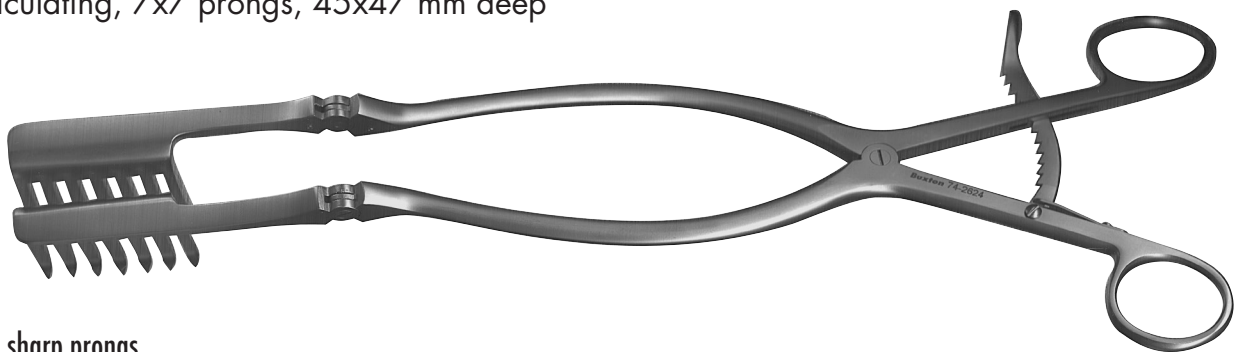
320 mm, articulating, 4x4 prongs, 35x18 mm deep



74-2621 blunt prongs

Beckmann-Eaton Retractor

330 mm, articulating, 7x7 prongs, 45x47 mm deep



74-2624 sharp prongs

Miskimon Retractor

210 mm, 7 x 7 sharp prongs, 33x30 mm deep



74-2613 angled arms
74-2614 straight

Self-Retaining Retractors

Buxton Hemi-Laminectomy Retractors

170 mm overall length, hook angled 135°, short teeth on flat blade



BLADE ON LEFT

74-2555	50 x 20 mm blade
74-2556	60 x 20 mm blade
74-2557	70 x 20 mm blade
74-2558	80 x 20 mm blade
74-2559	90 x 20 mm blade
74-2570	100 x 20 mm blade
74-2571	110 x 20 mm blade



BLADE ON RIGHT

74-2545	50 x 20 mm blade
74-2546	60 x 20 mm blade
74-2547	70 x 20 mm blade
74-2548	80 x 20 mm blade
74-2549	90 x 20 mm blade
74-2560	100 x 20 mm blade
74-2561	110 x 20 mm blade

Markham Meyerding Hemi-Laminectomy Retractors

170 mm overall length, 50 x 25 mm toothed blade, hook angled 110°

74-2669	blade on right
74-2670	blade on left

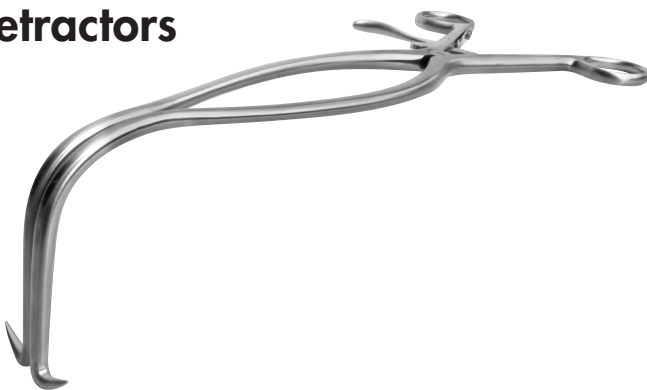


Self-Retaining Retractors

Wiltse Retractors

270 mm, 80° bowed arms, very sharp prongs

74-2631 70 mm reach
74-2632 110 mm reach



Gelpi-Seletz Retractor

160 mm, sharp prongs

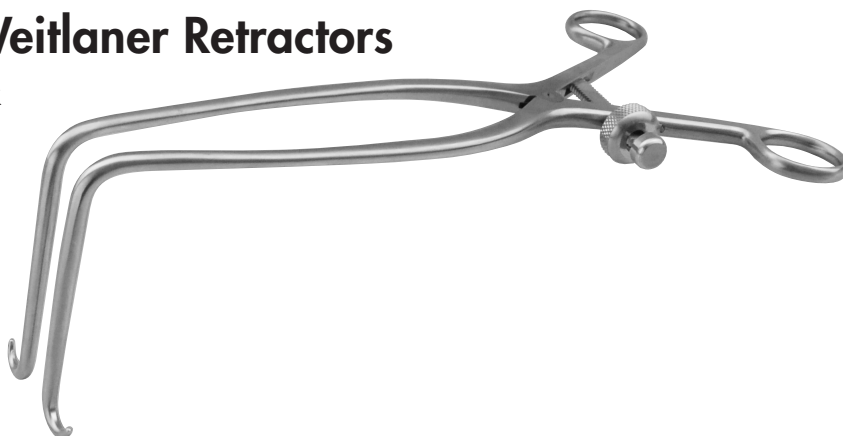
74-2630 60 mm reach



Deep Weitlaner Retractors

250 mm, 90° arms, blunt prongs, spin lock

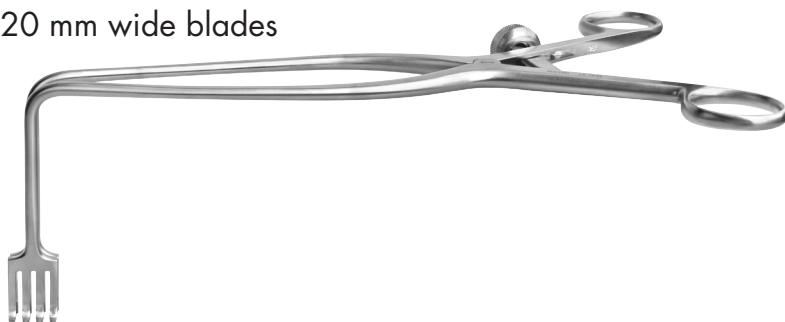
74-2633 75 mm reach
74-2634 100 mm reach
74-2635 125 mm reach



Cerebellar Rake Retractors

270 mm, 90° arms, sharp prongs, spin lock, 20 mm wide blades

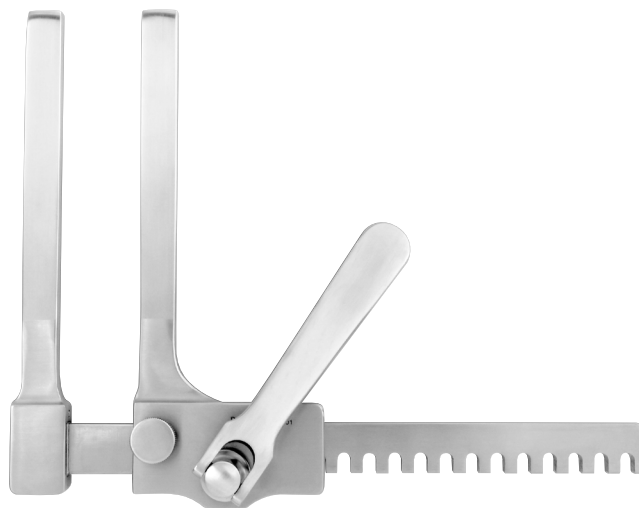
74-2643 90 mm reach
74-2644 100 mm reach
74-2645 125 mm reach
74-2646 165 mm reach



Lumbar Retractors

Buxton Laminectomy Retractor

120 mm long arms, opens to 150 mm wide



- 74-2900** Retractor Set, with 8 bladelets (4 LEFT, 4 RIGHT)
- 74-2901** Frame alone

Stainless Bladelets for Buxton Laminectomy Retractor

20 mm wide blades, Left and Right orientation

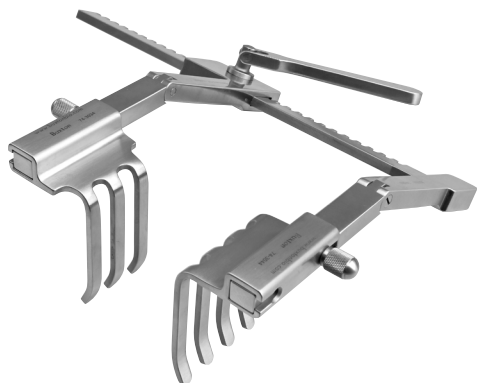
- 74-2953** 30 mm deep
- 74-2954** 40 mm deep
- 74-2955** 50 mm deep
- 74-2956** 65 mm deep
- 74-2958** 75 mm deep
- 74-2959** 85 mm deep
- 74-2960** 110 mm deep



Lumbar Retractors

French Model Laminectomy Retractor

170 mm long arms, opens to 130 mm

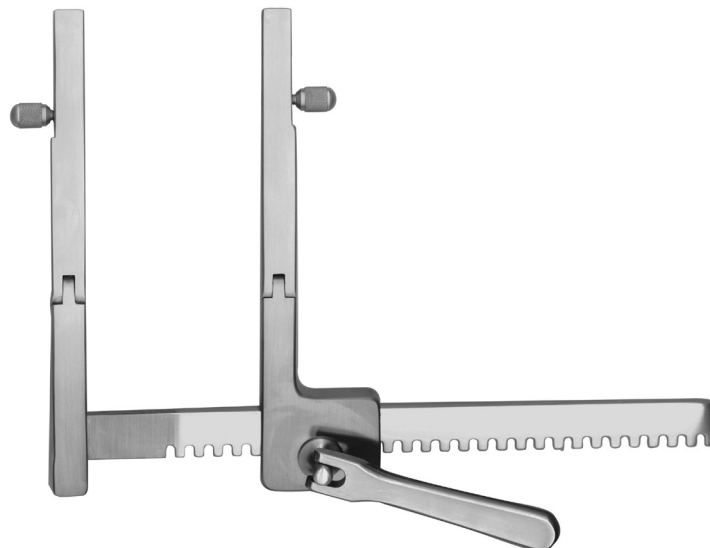


74-3010

Set with frame and 6 blades

74-3007

Frame only, hinged arms



Blades for French Laminectomy Retractor

Fits on left and right side of frame arms



ONE PRONG BLADE (5 mm wide)

74-3012 45 mm deep

74-3014 60 mm deep

74-3016 75 mm deep

74-3017 85 mm deep

THREE PRONG BLADE (30 mm wide)

74-3032 45 mm deep

74-3034 60 mm deep

74-3036 75 mm deep

74-3037 85 mm deep



TWO PRONG BLADE (15 mm wide)

74-3022 45 mm deep

74-3024 60 mm deep

74-3026 75 mm deep

74-3027 85 mm deep

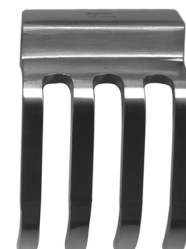
FOUR PRONG BLADE (40 mm wide)

74-3042 45 mm deep

74-3044 60 mm deep

74-3046 75 mm deep

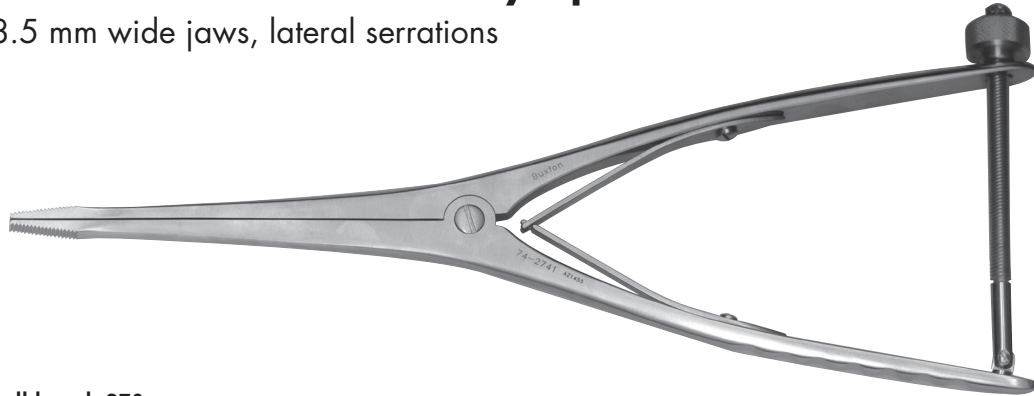
74-3047 85 mm deep



Vertebral Body Spreaders

Vertebral Body Spreaders

Straight shafts, 8.5 mm wide jaws, lateral serrations



74-2741 overall length 270 mm

74-2743 overall length 330 mm

Bayonet Vertebral Body Spreader

Offset shaft for improved visibility, 14.5 mm wide jaws, 1x2 interdigitated prongs, scalloped serrations



74-2745 overall length 280 mm

Modified Inge (Scaglietti) Body Spreader

Curved shaft, 8 mm wide jaws, lateral serrations



74-2747 overall length 250 mm, 45 mm reach

Vertebral + Cervical Spreaders

Baby Inge Lamina Spreader

Curved shaft, 6.5 mm wide cross-serrated platforms, squeeze ratchet, 30 mm reach



74-2727 overall length 170 mm

Cloward Anterior Cervical Spreaders

Curved shaft, 5 mm wide cross-serrated platforms, spin lock



74-2754 65 mm reach
74-2756 75 mm reach
74-2758 85 mm reach
74-2760 95 mm reach
74-2762 105 mm reach
74-2764 115 mm reach

Classic Cloward Anterior Cervical Spreader

Curved shaft, 4.5 mm wide serrated jaws, ratchet lock



74-3435 75 mm reach

Cervical Retractors

Caspar-style Speculum Retractor

120 mm long, opens to 80 mm

- 74-3106** Caspar Speculum Set with 5 blades
- 74-3107** Caspar Speculum Frame only



Caspar-style Weitlaner Retractor

170 mm, opens to 100 mm

- 74-3112** Weitlaner Set with 5 blades
- 74-3113** Caspar Weitlaner Frame only



Caspar-style Rack & Pinion Retractor

100 mm long arms, opens to 110 mm

- 74-3117** Rack & Pinion Set with 5 blades
- 74-3118** Caspar R&P Frame only



Cervical Retractors

Caspar Long Tooth Blades

20 mm wide blade, long tooth, ball-snap hub

74-3121	20x40 mm
74-3122	20x45 mm
74-3123	20x50 mm
74-3124	20x55 mm
74-3125	20x60 mm



Caspar Short Tooth Blades

20 mm wide blade, short tooth, ball-snap hub

74-3131	20x40 mm
74-3132	20x45 mm
74-3133	20x50 mm
74-3134	20x55 mm
74-3135	20x60 mm



Caspar Smooth Blades

20 mm wide blade, smooth lip, ball-snap hub

74-3141	20x45 mm
74-3142	20x50 mm
74-3143	20x55 mm
74-3144	20x60 mm
74-3145	20x65 mm



Blade Ejecting Forceps

For use on Caspar Retractor

74-3199	120 mm long, flat handle
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Curettes

Spinal Fusion Curettes

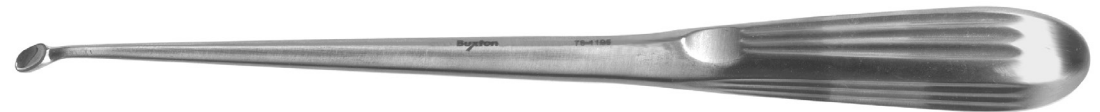
230 mm long, hollow handle, oval cups



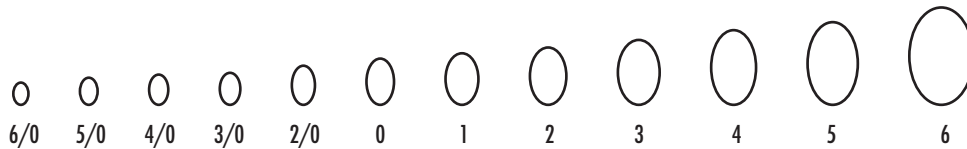
Straight



Angled Forward



Angled Backward



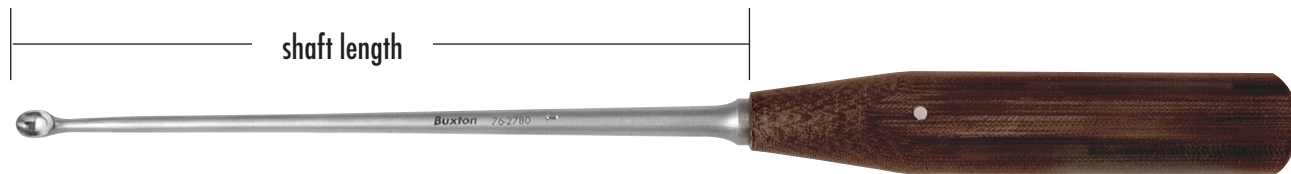
140 mm shaft length

CUP SIZE				
		Straight	Forward	Backward
000000		76-11606	76-11806	76-11906
00000		76-11605	76-11805	76-11905
0000		76-1160	76-1180	76-1190
000		76-1161	76-1181	76-1191
00		76-1162	76-1182	76-1192
0		76-1163	76-1183	76-1193
1		76-1164	76-1184	76-1194
2		76-1165	76-1185	76-1195
3		76-1166	76-1186	76-1196
4		76-1167	76-1187	76-1197
5		76-1168	76-1188	76-1198
6		76-1169	76-1189	76-1199

Curettes

Slim Grip Curettes

275 mm long, Linen phenolic handle, oval cups



Straight



Angled Forward



Angled Backward



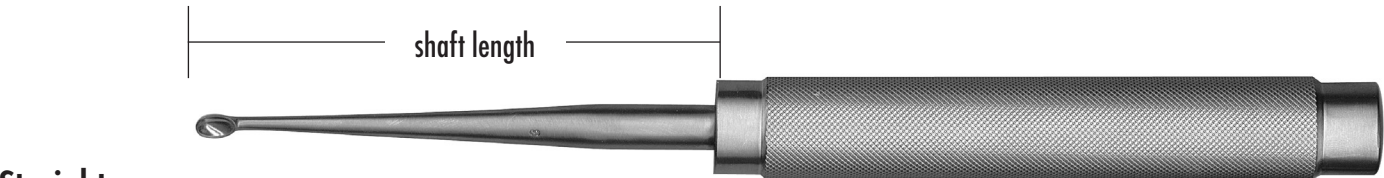
160 mm shaft length

CUP SIZE				
		Straight	Forward	Backward
00000		76-27005	76-27105	76-27155
0000		76-2700	76-2710	76-2715
000		76-2720	76-2730	76-2735
00		76-2740	76-2750	76-2755
0		76-2760	76-2770	76-2775
1		76-2780	76-2790	76-2795
2		76-2800	76-2810	76-2815
3		76-2820	76-2830	76-2835
4		76-2840	76-2850	76-2855
5		76-2860	76-2870	76-2875
6		76-2880	76-2890	76-2895

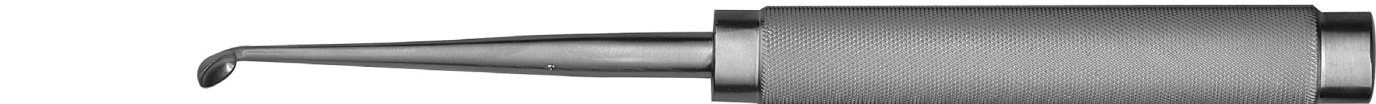
Curettes

Cobb Curettes

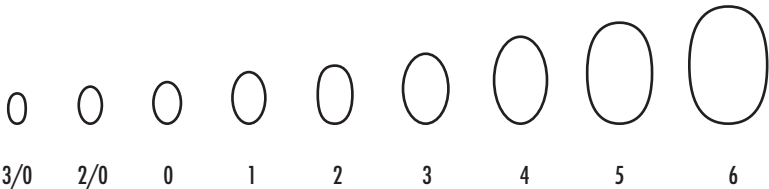
280 mm long, knurled handle, oval cups



Straight



Angled Forward



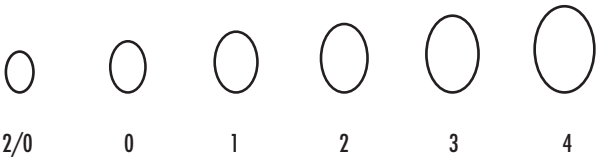
130 mm shaft length

CUP SIZE	Straight		Forward	
	000	76-2610	76-2630	
	00	76-2611	76-2631	
	0	76-2612	76-2632	
	1	76-2613	76-2633	
	2	76-2614	76-2634	
	3	76-2615	76-2635	
	4	76-2616	76-2636	
	5	76-2617	76-2637	
	6	76-2618	76-2638	

Curettes

Anterior Curettes

500 mm long, linen phenolic handle, oval cups



shaft
length

270 mm shaft length

CUP SIZE	00	Straight	Forward
	0	76-7740	76-7750
	1	76-7760	76-7770
	2	76-7780	76-7790
	3	76-7800	76-7810
	4	76-7820	76-7830
		76-7840	76-7850
7 mm RING		76-8407	---

Mallets + Tampers

Lead Filled Mallet

260 mm long, linen phenolic handle and casement

77-1042 335 grams



Cylindrical Mallet

250 mm long, linen phenolic handle, 80 x 60 mm Ø linen phenolic head

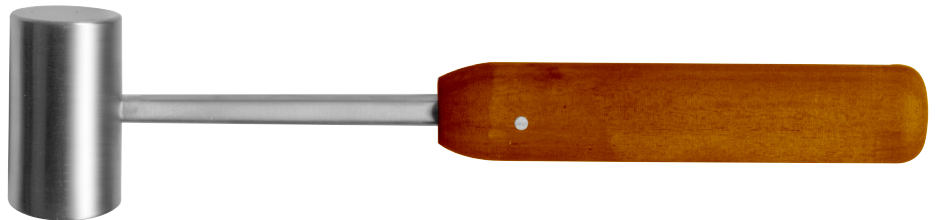
77-1070 375 grams



Stainless Steel Mallet

240 mm long, linen phenolic handle, 25 mm diameter head

24-5919 300 grams



Bone Tampers

280 mm long, serrated tamp surface, linen phenolic handle

76-4806 6 mm diameter, round
76-4808 8 mm diameter, round



Osteotomes + Gouges

Dahmen-Lexer Osteotomes

220 mm long, linen phenolic handle

77-4005	5 mm
77-4007	7 mm
77-4010	10 mm
77-4015	15 mm
77-4020	20 mm
77-4025	25 mm
77-4030	30 mm



Dahmen-Lexer Gouges

220 mm long, linen phenolic handle

77-4205	5 mm
77-4207	7 mm
77-4210	10 mm
77-4215	15 mm
77-4220	20 mm
77-4225	25 mm
77-4230	30 mm



Spongiosa Gouges

250 mm long, linen phenolic handle, in straight and curved shafts

77-4605	5 mm, straight
77-4610	10 mm, straight
77-4615	15 mm, straight
77-4705	5 mm, curved
77-4710	10 mm, curved
77-4715	15 mm, curved



Osteotomes + Gouges

Dahmen Osteotome

300 mm long,



180 mm shaft length

Blade Width	Straight	Angled
4 mm	77-1104	77-1504
5 mm	77-1105	77-1505
6 mm	77-1106	77-1506
8 mm	77-1108	77-1508
10 mm	77-1110	77-1510
12 mm	77-1112	77-1512
15 mm	77-1115	77-1515
20 mm	77-1120	77-1520
22 mm	77-1122	77-1522
25 mm	77-1125	77-1525

Osteotomes + Gouges

Dahmen Gouges

300 mm long, linen phenolic handle



Straight



Angled Backward



Angled Forward

180 mm shaft length

Blade Width	Straight	Backward	Forward
4 mm	77-2004	77-2204	77-2504
5 mm	77-2005	77-2205	77-2505
6 mm	77-2006	77-2206	77-2506
8 mm	77-2008	77-2208	77-2508
10 mm	77-2010	77-2210	77-2510
12 mm	77-2012	77-2212	77-2512
15 mm	77-2015	77-2215	77-2515
20 mm	77-2020	77-2220	77-2520
22 mm	77-2022	77-2222	77-2522
25 mm	77-2025	77-2225	77-2525

Osteotomes + Gouges

Cobb Gouges

280 mm long, linen phenolic handle, 8 mm wide gouge, 160 mm shaft



77-3450 straight



77-3451 light curve



77-3452 strong curve



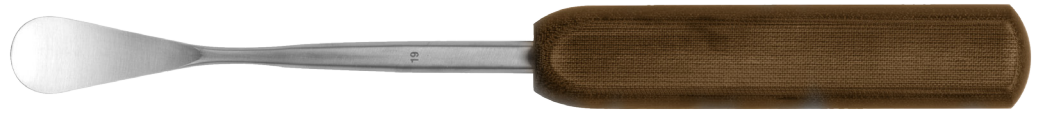
77-3453 retro curve

Elevators

Cobb Elevators, light model

250 mm long, linen phenolic handle, semi-sharp, light curve blade

77-3460	10 mm wide
77-3461	13 mm wide
77-3462	19 mm wide
77-3463	25 mm wide



Classic Cobb Elevators

280 mm long, knurled metal handle, semi-sharp, light curve blade

78-3460	10 mm wide
78-3461	13 mm wide
78-3462	19 mm wide
78-3463	25 mm wide
78-3465	30 mm wide



Modified Cobb Elevators

310 mm long, extra long linen phenolic handle, semi-sharp, light curve blade

77-7461	13 mm wide
77-7462	19 mm wide
77-7463	25 mm wide
77-7465	30 mm wide



XL Modified Cobb Elevators

360 mm long, extra long linen phenolic handle, semi-sharp, light curve blade

77-7560	10 mm wide
77-7561	13 mm wide
77-7562	19 mm wide
77-7563	25 mm wide
77-7564	32 mm wide



IVD Rongeurs

Peapod Rongeurs

Snub-nosed "peapod"
cups in **satin** and **ceramic**
finishes



Satin Finish

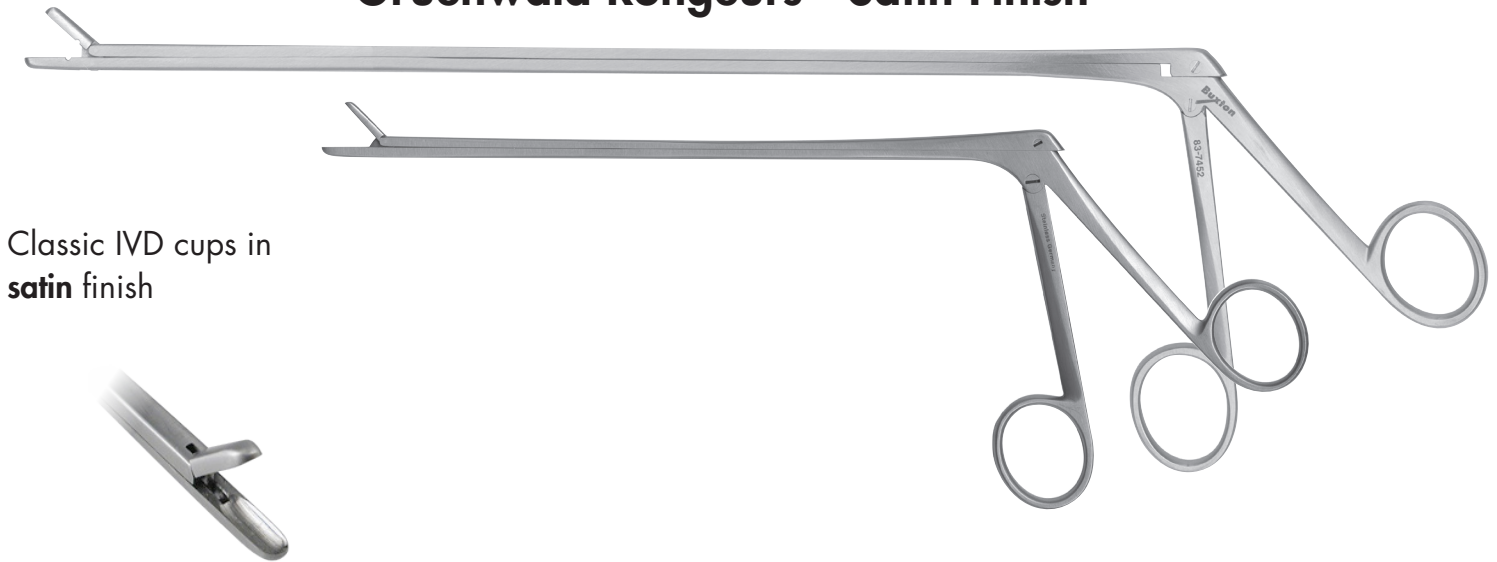
140 mm shaft length				180 mm shaft length			
BITE WIDTH		Straight	Up 30 °	Down 30 °	Straight	Up 30 °	Down 30 °
	1.0 mm	83-7841	83-7801	83-7871	83-7861	83-7821	83-7891
	1.5 mm	83-7842	83-7802	83-7872	83-7862	83-7822	83-7892
	2.0 mm	83-7843	83-7803	83-7873	83-7863	83-7823	83-7893
	2.5 mm	83-7844	83-7804	83-7874	83-7864	83-7824	83-7894
	3.0 mm	83-7845	83-7805	83-7875	83-7865	83-7825	83-7895
	4.0 mm	83-7846	83-7806	83-7876	83-7866	83-7826	83-7896

Ceramic Finish

140 mm shaft length				180 mm shaft length			
BITE WIDTH		Straight	Up 30 °	Down 30 °	Straight	Up 30 °	Down 30 °
	1.0 mm	837-7841	837-7801	837-7871	837-7861	837-7821	837-7891
	1.5 mm	837-7842	837-7802	837-7872	837-7862	837-7822	837-7892
	2.0 mm	837-7843	837-7803	837-7873	837-7863	837-7823	837-7893
	2.5 mm	837-7844	837-7804	837-7874	837-7864	837-7824	837-7894
	3.0 mm	837-7845	837-7805	837-7875	837-7865	837-7825	837-7895
	4.0 mm	837-7846	837-7806	837-7876	837-7866	837-7826	837-7896

IVD Rongeurs

Gruenwald Rongeurs - Satin Finish



180 mm shaft length

BITE WIDTH		Straight	Up 30 °	Up 45 °	Down 30 °	Down 45 °
	1.5 mm	82-2901	82-5301	82-5302	82-7701	82-7702
	2.0 mm	82-3001	82-5401	82-5402	82-7801	82-7802
	3.0 mm	82-3201	82-5601	82-5602	82-8001	82-8002
	4.0 mm	82-3601	82-6001	82-6002	82-8401	82-8402

200 mm shaft length

BITE WIDTH		Straight	Up 30 °	Up 45 °	Down 30 °	Down 45 °
	1.5 mm	83-0101	83-2501	83-2502	83-4901	83-4902
	2.0 mm	83-0201	83-2601	83-2602	83-5001	83-5002
	3.0 mm	83-0401	83-2801	83-2802	83-5201	83-5202
	4.0 mm	83-0801	83-3201	83-3202	83-5601	83-5602

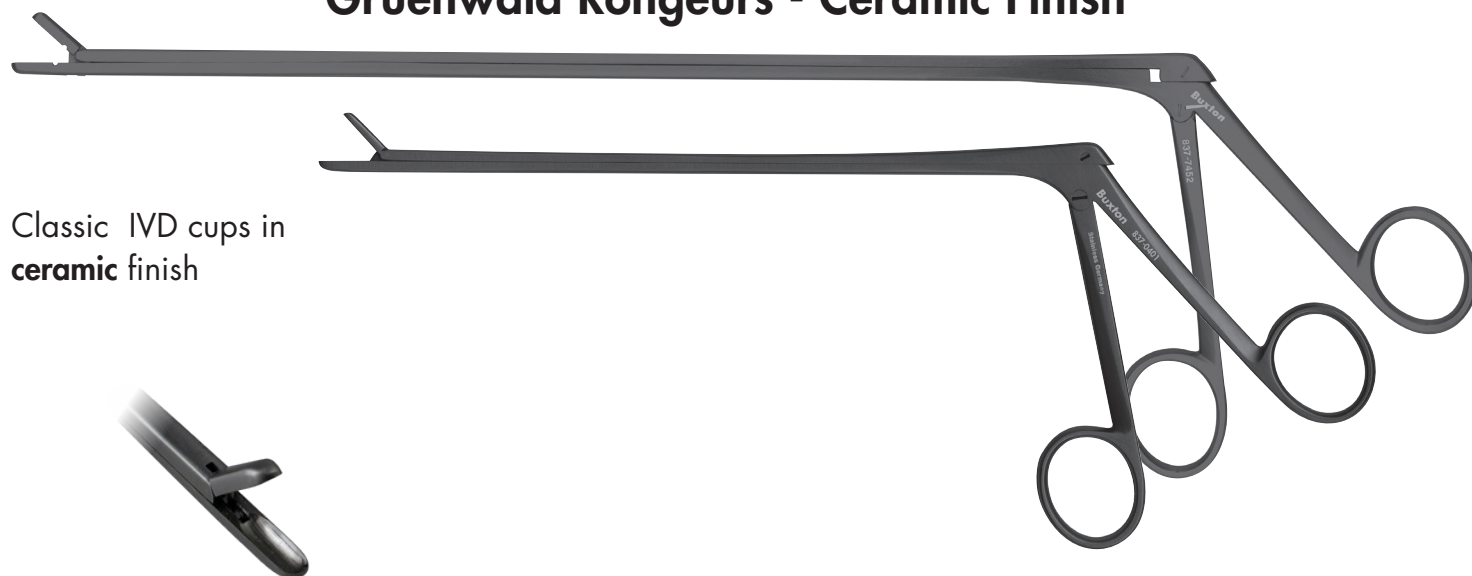
Anterior Length

300 mm shaft length

BITE WIDTH		Straight	Up 30 °	Up 45 °	Down 30 °	Down 45 °
	3.0 mm	83-7451	83-7461	83-7471	83-7481	83-7491
	4.0 mm	83-7452	83-7462	83-7472	83-7482	83-7492
	5.0 mm	83-7453	83-7463	83-7473	83-7483	83-7493

IVD Rongeurs

Gruenwald Rongeurs - Ceramic Finish



180 mm shaft length

BITE WIDTH		Straight	Up 30 °	Up 45 °	Down 30 °	Down 45 °
	1.5 mm	827-2901	827-5301	827-5302	827-7701	827-7702
	2.0 mm	827-3001	827-5401	827-5402	827-7801	827-7802
	3.0 mm	827-3201	827-5601	827-5602	827-8001	827-8002
	4.0 mm	827-3601	827-6001	827-6002	827-8401	827-8402

200 mm shaft length

BITE WIDTH		Straight	Up 30 °	Up 45 °	Down 30 °	Down 45 °
	1.5 mm	837-0101	837-2501	837-2502	837-4901	837-4902
	2.0 mm	837-0201	837-2601	837-2602	837-5001	837-5002
	3.0 mm	837-0401	837-2801	837-2802	837-5201	837-5202
	4.0 mm	837-0801	837-3201	837-3202	837-5601	837-5602

Anterior Length

300 mm shaft length

BITE WIDTH		Straight	Up 30 °	Up 45 °	Down 30 °	Down 45 °
	3.0 mm	837-7451	837-7461	837-7471	837-7481	837-7491
	4.0 mm	837-7452	837-7462	837-7472	837-7482	837-7492
	5.0 mm	837-7453	837-7463	837-7473	837-7483	837-7493

IVD Rongeurs

Weil-Blakesley Disc Rongeur

Teardrop-shaped cups with fenestrations in **satin** and **ceramic** finishes



Satin Finish

200 mm shaft length

BITE WIDTH		Straight	Up 30 °	Up 45 °	Down 30 °	Down 45 °
	2.5 mm	83-8001	83-8201	83-8211	83-8401	83-8411
	3.0 mm	83-8002	83-8202	83-8221	83-8402	83-8421
	4.0 mm	83-8004	83-8204	83-8241	83-8404	83-8441
	4.5 mm	83-8005	83-8205	83-8251	83-8405	83-8451
	5.0 mm	83-8006	83-8206	83-8261	83-8406	83-8461

300 mm shaft length (Anterior-length)

BITE WIDTH		Straight	Up 30 °	Up 45 °	Down 30 °	Down 45 °
	3.0 mm	83-7551	83-7561	83-7571	83-7581	83-7591
	4.0 mm	83-7552	83-7562	83-7572	83-7582	83-7592
	5.0 mm	83-7553	83-7563	83-7573	83-7583	83-7593

Ceramic Finish

200 mm shaft length

BITE WIDTH		Straight	Up 30 °	Up 45 °	Down 30 °	Down 45 °
	2.5 mm	837-8001	837-8201	837-8211	837-8401	837-8411
	3.0 mm	837-8002	837-8202	837-8221	837-8402	837-8421
	4.0 mm	837-8004	837-8204	837-8241	837-8404	837-8441
	4.5 mm	837-8005	837-8205	837-8251	837-8405	837-8451
	5.0 mm	837-8006	837-8206	837-8261	837-8406	837-8461

300 mm shaft length (Anterior-length)

BITE WIDTH		Straight	Up 30 °	Up 45 °	Down 30 °	Down 45 °
	3.0 mm	837-7551	837-7561	837-7571	837-7581	837-7591
	4.0 mm	837-7552	837-7562	837-7572	837-7582	837-7592
	5.0 mm	837-7553	837-7563	837-7573	837-7583	837-7593

IVD Rongeurs

Caspar IVD Rongeurs - Satin Finish

Fenestrated Caspar cups
with side teeth in **satin**
finish



Satin Finish

140 mm shaft length					180 mm shaft length		
BITE WIDTH		Straight	Up 30 °	Down 30 °	Straight	Up 30 °	Down 30 °
	2.0 mm	83-6502	83-6512	83-6522	83-6532	83-6542	83-6552
	3.0 mm	83-6503	83-6513	83-6523	83-6533	83-6543	83-6553
	4.0 mm	83-6504	83-6514	83-6524	83-6534	83-6544	83-6554
	5.0 mm	83-6505	83-6515	83-6525	83-6535	83-6545	83-6555
	6.0 mm	83-6506	83-6516	83-6526	83-6536	83-6546	83-6556

180 mm shaft length				300 mm shaft length (Anterior-length)			
BITE WIDTH		Straight	Up 30 °	Down 30 °	Straight	Up 30 °	Down 30 °
	2.0 mm	83-6562	83-6572	83-6582	83-7652	83-7662	83-7682
	3.0 mm	83-6563	83-6573	83-6583	83-7653	83-7663	83-7683
	4.0 mm	83-6564	83-6574	83-6584	83-7654	83-7664	83-7684
	5.0 mm	83-6565	83-6575	83-6585	83-7655	83-7665	83-7685
	6.0 mm	83-6566	83-6576	83-6586	83-7656	83-7666	83-7686

Caspar “true down-biting” IVD Rongeurs - Satin Finish

200 mm shaft, lower articulating jaw

83-7252 2 mm
83-7253 3 mm
83-7254 4 mm



IVD Rongeurs

Caspar IVD Rongeurs - Ceramic Finish

Fenestrated Caspar cups with side teeth in **ceramic** finish



Ceramic Finish

		140 mm shaft length			180 mm shaft length		
BITE WIDTH		Straight	Up 30 °	Down 30 °	Straight	Up 30 °	Down 30 °
	2.0 mm	837-6502	837-6512	837-6522	837-6532	837-6542	837-6552
	3.0 mm	837-6503	837-6513	837-6523	837-6533	837-6543	837-6553
	4.0 mm	837-6504	837-6514	837-6524	837-6534	837-6544	837-6554
	5.0 mm	837-6505	837-6515	837-6525	837-6535	837-6545	837-6555
	6.0 mm	837-6506	837-6516	837-6526	837-6536	837-6546	837-6556

		180 mm shaft length			300 mm shaft length (Anterior-length)		
BITE WIDTH		Straight	Up 30 °	Down 30 °	Straight	Up 30 °	Down 30 °
	2.0 mm	837-6562	837-6572	837-6582	837-7652	837-7662	837-7682
	3.0 mm	837-6563	837-6573	837-6583	837-7653	837-7663	837-7683
	4.0 mm	837-6564	837-6574	837-6584	837-7654	837-7664	837-7684
	5.0 mm	837-6565	837-6575	837-6585	837-7655	837-7665	837-7685
	6.0 mm	837-6566	837-6576	837-6586	837-7656	837-7666	837-7686

Caspar “true down-biting” IVD Rongeurs - Ceramic Finish

200 mm shaft, lower articulating jaw

- 837-7252** 2 mm, ceramic
- 837-7253** 3 mm, ceramic
- 837-7254** 4 mm, ceramic



IVD Rongeurs

Ferris-Smith Cup Rongeurs

Smooth-edged IVD cups
on sturdy Ferris-Smith
handle in both **satin** and
ceramic finishes



Satin Finish

180 mm shaft length

BITE WIDTH				
		Straight	Up 30 °	Down 30 °
	2.0 mm	83-8502	83-8512	83-8522
	2.5 mm	83-8503	83-8513	83-8523
	3.0 mm	83-8602	83-8612	83-8622
	4.0 mm	83-8802	83-8812	83-8822
	5.0 mm	83-9002	83-9012	83-9022

Ceramic Finish

180 mm shaft length

BITE WIDTH				
		Straight	Up 30 °	Down 30 °
	2.0 mm	837-8502	837-8512	837-8522
	2.5 mm	837-8503	837-8513	837-8523
	3.0 mm	837-8602	837-8612	837-8622
	4.0 mm	837-8802	837-8812	837-8822
	5.0 mm	837-9002	837-9012	837-9022

IVD Rongeurs

Cloward Rongeurs

Robust serrated cups on sturdy Ferris-Smith handle in both **satin** and **ceramic** finishes



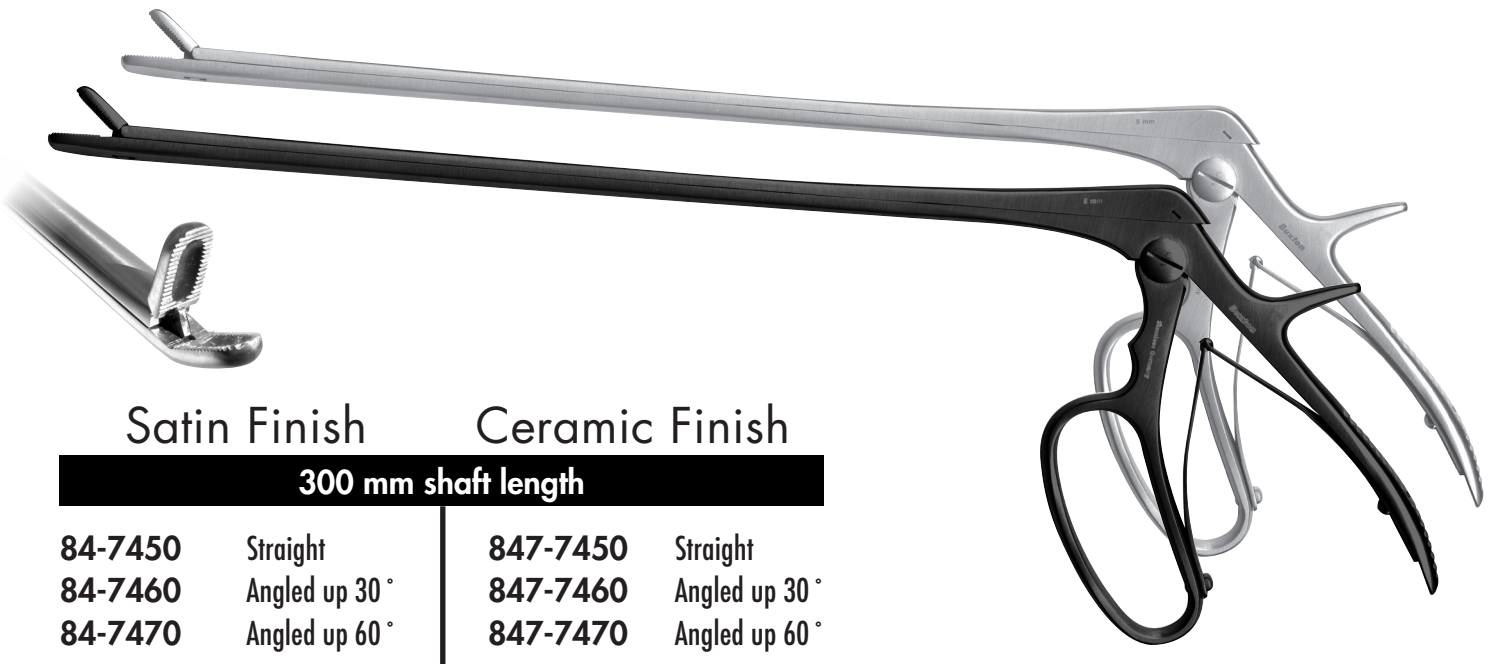
Satin Finish

Ceramic Finish

		200 mm shaft length					
BITE WIDTH		Straight	Up 30 °	Down 30 °	Straight	Up 30 °	Down 30 °
	4.0 mm	83-9903	83-9913	83-9923	837-9903	837-9913	837-9923
	6.0 mm	83-9906	83-9916	83-9926	837-9906	837-9916	837-9926

Extraordinary IVD Rongeurs

Robust 8 mm wide serrated cups on sturdy Ferris-Smith handle in both **satin** and **ceramic** finishes.



Satin Finish

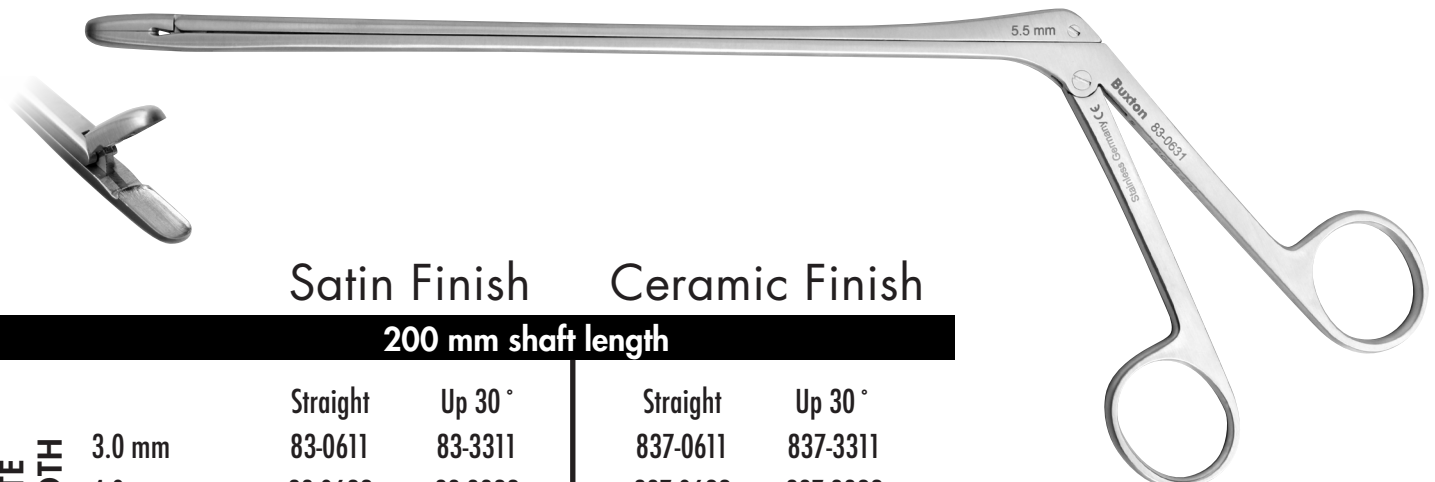
Ceramic Finish

300 mm shaft length			
84-7450	Straight	847-7450	Straight
84-7460	Angled up 30 °	847-7460	Angled up 30 °
84-7470	Angled up 60 °	847-7470	Angled up 60 °

IVD Rongeurs

Wagner IVD Rongeurs

IVD cups on a raised platform in **satin** and **ceramic** finishes



		Satin Finish		Ceramic Finish	
		200 mm shaft length			
BITE WIDTH	3.0 mm	Straight	Up 30 °	Straight	Up 30 °
	4.0 mm	83-0611	83-3311	837-0611	837-3311
	5.5 mm	83-0622	83-3322	837-0622	837-3322
		83-0631	83-3331	837-0631	837-3331

Egg tooth IVD Rongeurs

IVD rongeurs with notched sides and penetrating "tooth" at distal end of cup in **satin** and **ceramic** finishes

The diagram illustrates the components and specifications of an Egg tooth IVD Rongeur. On the left, a close-up shows the 'cup' component, which is a small, curved metal piece. To its right is the full instrument, a long-handled rongeur with a 3 mm shaft length. The instrument features a long, straight shaft and a curved handle with two finger loops. The brand name 'Buxton' and the model number '82-3016' are visible on the handle. The instrument is shown in two positions: one with the cup attached to the shaft and another with the cup detached, demonstrating its use.

Satin Finish Ceramic Finish

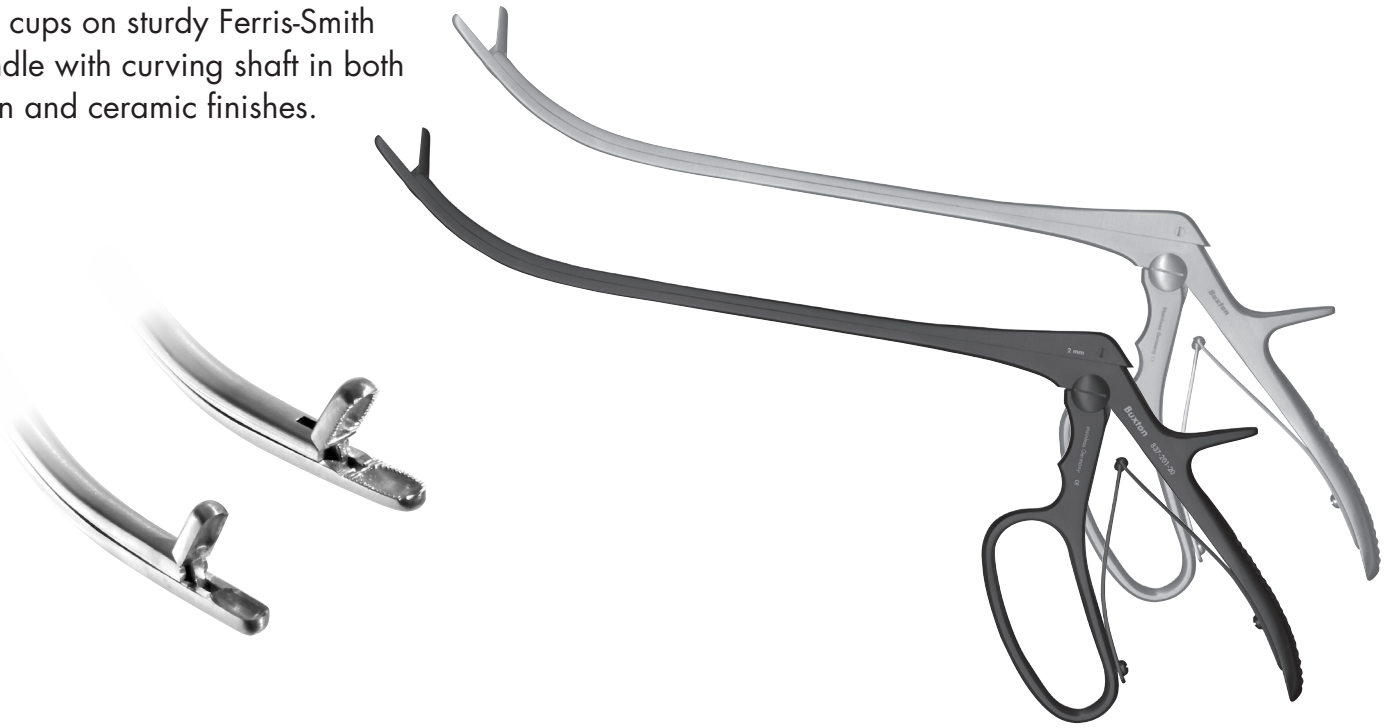
180 mm shaft length

BITE WIDTH	Satin Finish		Ceramic Finish	
	180 mm shaft length			
		Straight	Up 30 °	
2.0 mm		82-3011	82-3211	827-3011 827-3211
3.0 mm		82-3016	82-3216	827-3016 827-3216

IVD Rongeurs

Curved Ferris Smith Cup Rongeurs

Semi-sharp edged or serrated IVD cups on sturdy Ferris-Smith handle with curving shaft in both satin and ceramic finishes.



Satin Finish

200 mm shaft length

Semi-Sharp Cups

835-201-20	2 mm
835-201-30	3 mm
835-201-40	4 mm

Serrated Cups

835-205-50	5 mm
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Ceramic Finish

200 mm shaft length

Semi-Sharp Cups

837-201-20	2 mm
837-201-30	3 mm
837-201-40	4 mm

Serrated Cups

837-205-50	5 mm
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IVD Rongeurs

Bayonet IVD Rongeurs, for Right Hand - Satin Finish

Classic IVD cups on bayoneted shaft for right-hand use down a tube. **Satin** finish.



Satin Finish

		110 mm shaft length			130 mm shaft length		
BITE WIDTH		Straight	Up 30 °	Down 30 °	Straight	Up 30 °	Down 30 °
	1.5 mm	831-111-15	831-112-15	831-114-15	831-131-15	831-132-15	831-134-15
	2.0 mm	831-111-20	831-112-20	831-114-20	831-131-20	831-132-20	831-134-20
	3.0 mm	831-111-30	831-112-30	831-114-30	831-131-30	831-132-30	831-134-30
	4.0 mm	831-111-40	831-112-40	831-114-40	831-131-40	831-132-40	831-134-40

		160 mm shaft length			180 mm shaft length		
BITE WIDTH		Straight	Up 30 °	Down 30 °	Straight	Up 30 °	Down 30 °
	1.5 mm	831-161-15	831-162-15	831-164-15	831-181-15	831-182-15	831-184-15
	2.0 mm	831-161-20	831-162-20	831-164-20	831-181-20	831-182-20	831-184-20
	3.0 mm	831-161-30	831-162-30	831-164-30	831-181-30	831-182-30	831-184-30
	4.0 mm	831-161-40	831-162-40	831-164-40	831-181-40	831-182-40	831-184-40

IVD Rongeurs

Bayonet IVD Rongeurs, for Right Hand - Ceramic Finish

Classic IVD cups on bayoneted shaft for right-hand use down a tube. **Ceramic** finish.



Ceramic Finish

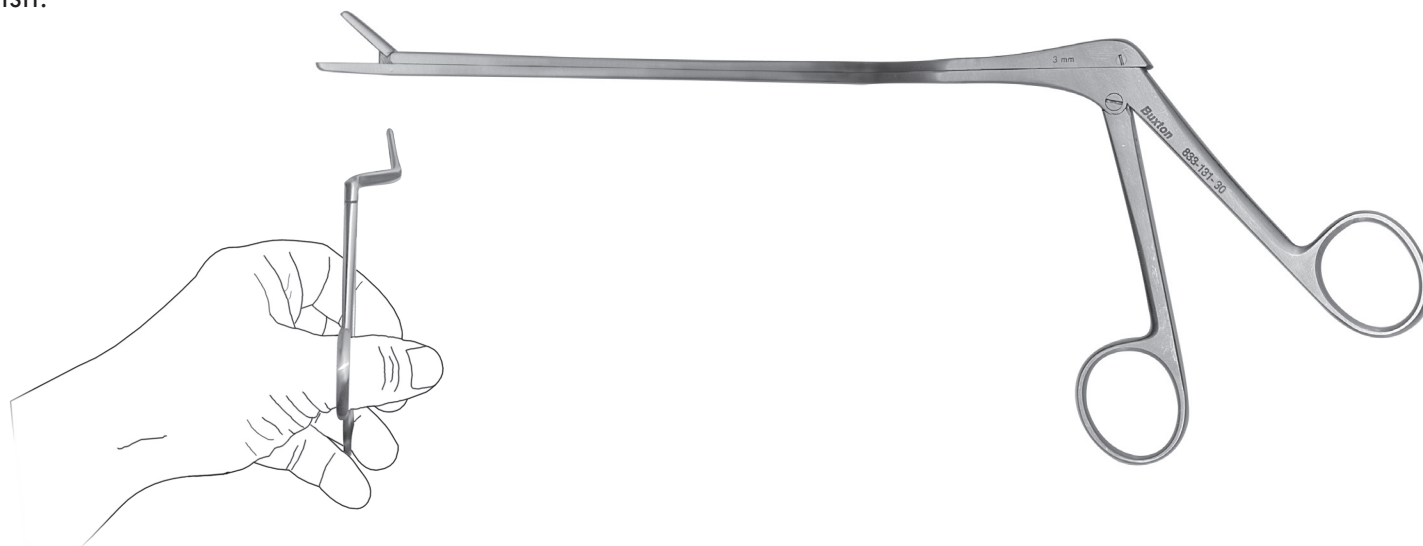
		110 mm shaft length			130 mm shaft length		
BITE WIDTH		Straight	Up 30 °	Down 30 °	Straight	Up 30 °	Down 30 °
	1.5 mm	838-111-15	838-112-15	838-114-15	838-131-15	838-132-15	838-134-15
	2.0 mm	838-111-20	838-112-20	838-114-20	838-131-20	838-132-20	838-134-20
	3.0 mm	838-111-30	838-112-30	838-114-30	838-131-30	838-132-30	838-134-30
	4.0 mm	838-111-40	838-112-40	838-114-40	838-131-40	838-132-40	838-134-40

		160 mm shaft length			180 mm shaft length		
BITE WIDTH		Straight	Up 30 °	Down 30 °	Straight	Up 30 °	Down 30 °
	1.5 mm	838-161-15	838-162-15	838-164-15	838-181-15	838-182-15	838-184-15
	2.0 mm	838-161-20	838-162-20	838-164-20	838-181-20	838-182-20	838-184-20
	3.0 mm	838-161-30	838-162-30	838-164-30	838-181-30	838-182-30	838-184-30
	4.0 mm	838-161-40	838-162-40	838-164-40	838-181-40	838-182-40	838-184-40

IVD Rongeurs

Bayonet IVD Rongeurs, for Left Hand - Satin Finish

Classic IVD cups on bayoneted shaft for left-hand use down a tube. **Satin** finish.



Satin Finish

110 mm shaft length				130 mm shaft length			
BITE WIDTH		Straight	Up 30 °	Down 30 °	Straight	Up 30 °	Down 30 °
	1.5 mm	833-111-15	833-112-15	833-114-15	833-131-15	833-132-15	833-134-15
	2.0 mm	833-111-20	833-112-20	833-114-20	833-131-20	833-132-20	833-134-20
	3.0 mm	833-111-30	833-112-30	833-114-30	833-131-30	833-132-30	833-134-30
	4.0 mm	833-111-40	833-112-40	833-114-40	833-131-40	833-132-40	833-134-40

160 mm shaft length				180 mm shaft length			
BITE WIDTH		Straight	Up 30 °	Down 30 °	Straight	Up 30 °	Down 30 °
	1.5 mm	833-161-15	833-162-15	833-164-15	833-181-15	833-182-15	833-184-15
	2.0 mm	833-161-20	833-162-20	833-164-20	833-181-20	833-182-20	833-184-20
	3.0 mm	833-161-30	833-162-30	833-164-30	833-181-30	833-182-30	833-184-30
	4.0 mm	833-161-40	833-162-40	833-164-40	833-181-40	833-182-40	833-184-40

IVD Rongeurs

Bayonet IVD Rongeurs, for Left Hand - Ceramic Finish

Classic IVD cups on bayoneted shaft for left-hand use down a tube. **Ceramic** finish.



Ceramic Finish

110 mm shaft length					130 mm shaft length		
BITE WIDTH		Straight	Up 30 °	Down 30 °	Straight	Up 30 °	Down 30 °
	1.5 mm	839-111-15	839-112-15	839-114-15	839-131-15	839-132-15	839-134-15
	2.0 mm	839-111-20	839-112-20	839-114-20	839-131-20	839-132-20	839-134-20
	3.0 mm	839-111-30	839-112-30	839-114-30	839-131-30	839-132-30	839-134-30
	4.0 mm	839-111-40	839-112-40	839-114-40	839-131-40	839-132-40	839-134-40

160 mm shaft length				180 mm shaft length			
BITE WIDTH		Straight	Up 30 °	Down 30 °	Straight	Up 30 °	Down 30 °
	1.5 mm	839-161-15	839-162-15	839-164-15	839-181-15	839-182-15	839-184-15
	2.0 mm	839-161-20	839-162-20	839-164-20	839-181-20	839-182-20	839-184-20
	3.0 mm	839-161-30	839-162-30	839-164-30	839-181-30	839-182-30	839-184-30
	4.0 mm	839-161-40	839-162-40	839-164-40	839-181-40	839-182-40	839-184-40

Double Action Rongeurs

Mainz Rongeurs

180 mm long, slender, elongated lightly curved jaws

88-6218 2.0 mm bite
88-6220 3.0 mm bite



Smith Peterson Rongeurs

240 mm long



Bite Width	Straight	Light Curve	Strong Curve	Sharp Angled
3.0 mm	88-7603	88-7613	88-7623	88-7643
4.0 mm	88-7604	88-7614	88-7624	88-7644
5.0 mm	88-7605	88-7615	88-7625	88-7645
6.0 mm	88-7606	88-7616	88-7626	88-7646

Double Action Rongeurs

Leksell Rongeurs

240 mm long, standard handle



Lightly Angled Head

88-7723	3.0 mm
88-7724	4.0 mm
88-7726	6.0 mm
88-7728	8.0 mm



Strongly Angled Head

88-7701	4.0 mm
88-7702	6.0 mm
88-7703	8.0 mm

Leksell "T-Lex" Rongeurs

240 mm long, curved handle



Lightly Angled Head

88-7902	2.0 mm
88-7903	3.0 mm
88-7904	4.0 mm
88-7905	5.0 mm



Strongly Angled Head

88-7814	4.0 mm
88-7816	6.0 mm
88-7818	8.0 mm

Stille Rongeurs

230 mm long, horn grip, strongly angled head

88-7802	2.0 mm
88-7803	3.0 mm
88-7804	4.0 mm
88-7806	6.0 mm
88-7808	8.0 mm



Double Action Rongeurs

One Handed Bandit Leksell Rongeurs

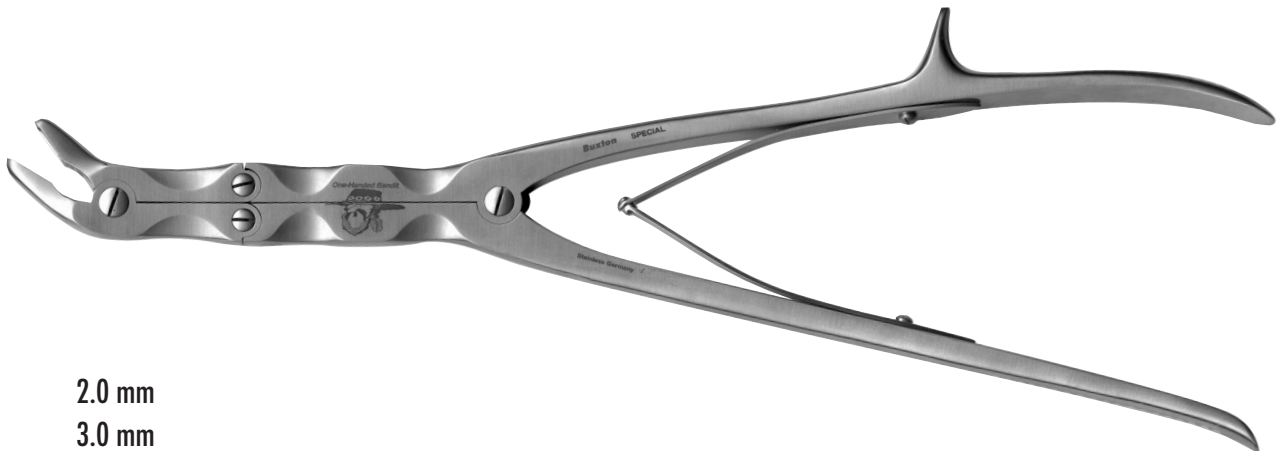
400 mm long, lightly angled head, extra long handle



88-7713	3.0 mm
88-7715	5.0 mm
88-7718	8.0 mm

One Handed Bandit Leksell Rongeurs

330 mm long, angled head, extra long handle with horn grip



88-7822	2.0 mm
88-7823	3.0 mm
88-7824	4.0 mm
88-7826	6.0 mm
88-7828	8.0 mm

Double Action Rongeurs

One Handed Bandit Bayonet Leksell Rongeurs

410 mm long, offset head, extra long handle



88-6723	3.0 mm
88-6725	5.0 mm
88-6728	8.0 mm

Skull Base Rongeurs

180 mm long, offset head, 2 mm cup, bottle-nosed tips



88-6232	light curve, standard cup
88-6242	straight, extra shallow cups
88-6252	light curve, shallow LEFT cup
88-6262	light curve, shallow RIGHT cup

Beyer and Zaufal-Jansen Cup Rongeurs

180 mm long, in straight and light curve

Straight

56-3802	2 mm, Zwei-Beyer
56-3803	3 mm, Beyer
56-3804	4 mm, Zaufal-Jansen

Light curve

56-3812	2 mm, Zwei-Beyer
56-3813	3 mm, Beyer
56-3814	4 mm, Zaufal-Jansen



Additional Information

Buxton BioMedical is a small, veteran-owned company, providing surgeons worldwide with fine instruments since 1993. All instruments are made in Germany unless otherwise noted.

Ordering and Prices

Orders may be placed directly with our offices by phone, by fax, or by email. Prices are published as a guide to costs but are subject to change without notice. To verify pricing and availability on a given product, contact our Customer Service Department.

Website

Our full complement of instrument offerings can be reviewed on our website where latest products, images, extended descriptions and prices can be found. Registering on our site is a convenient means to ordering our printed catalog, obtain a formal quote and accessing current prices when considering specific items. Many documents such as Customer Credit Applications, W-9 and cleaning validation information can be accessed in the "Records" department of our website as well.

Repairs

If an item is in need of repair or servicing, please contact us directly so we can initiate a repair ticket. Do not send the instrument back without first obtaining a Return Materials Authorization (RMA) code. Blank clean certification forms are available through our Customer Service Department or by going to

www.buxtonbio.com/records

Click the "Repairing an Instrument" folder, then download and return the completed PDF form "Clean Certification." After the clean certificate is received, an RMA number can be issued. An evaluation of the instrument repair will proceed.

Warranty

Expect the finest quality surgical instruments from Buxton BioMedical, Inc. Our instruments are warranted against defects in materials and workmanship, but to benefit from the shelter our provisional guarantee affords and to realize the longevity of any device, evidence of proper care is essential. Specific details on cleaning, sterilizing and general maintenance are included with each instrument sold. Our warranties are necessarily nullified when instruments show signs of neglect or are used in a manner other than their intended surgical purpose. Even under the best of circumstances instruments have a limited functional life. Therefore, repair and replacement charges are calculated on a pro rata basis during the first five years following purchase.

Cleaning Recommendations

Upon receipt inspect instruments for defects. Carefully clean before sterilizing in preparation for its initial use. Always inspect the instrument for broken parts before each use. Clean and disinfect instrument immediately after use.

Do not allow bio fluids or other material to dry onto the instrument; wipe clean and keep moist until the instrument reaches sterile processing.

Rinse thoroughly in lukewarm water. Carefully scrub parts with soft brushes. Flush lumens and joints using a syringe filled with demineralized water. Use low-foaming, enzymatic cleaning solutions with a pH range of 6-8 and follow manufacturer's instructions. Rinse with demineralized water. Lubricate in a water-soluble instrument milk bath.

Store this instrument in a moisture-free location. Always cover and protect sharp edges and delicate tips when not in use.

Sterilization Recommendations

Sterilize wrapped devices using pre-vacuum cycle for four minutes at 270° F (132°C). Due to the potential damage to non-metal components, chemical sterilization and hot air or steam sterilization in excess of 273°F (134°C) should be avoided.

Allow instruments to dry for a minimum of 20 minutes prior to using in surgery.

Product Development

Buxton BioMedical was founded with the intent to fulfill the instrument needs in the sub-specialties of spine, shoulder, hand and foot surgeries. We are interested in developing new instrument designs and improving upon existing patterns and always welcome comments and suggestions.

Other publications

This catalog showcases Buxton's unique collection of instruments for Surgery of the Spine. Catalogs and brochures featuring instrumentation for shoulder and hand & foot surgery are also available. Call, write or email us for your free copy.

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